What is claimed is:

1. A method for detecting a degree of binding between a plurality of types of probes and a sample comprising one type of biopolymers, the method comprising:

(a) providing a substrate on which each type of the probes is separately immobilized on each different and separate predetermined position, wherein each of the probes is labeled with a first detectable label;

(b) providing the sample comprising the biopolymers, wherein each of the biopolymers is labeled with a second detectable label;

(c) contacting the sample with the probes;

(d) detecting an amount of the probes at each different and separate predetermined position of the substrate by detecting the first detectable label;

(e) detecting an amount of the biopolymers bound to the probes at each different and separate predetermined position of the substrate by detecting the second detectable label; and

(f) producing a value representing the degree of binding between the probes at each different and separate predetermined position and the biopolymers by dividing the difference between the amount of the probes detected at each different and separate predetermined position and the amount of the biopolymers bound to the probes by the amount of the probes.

2. The method of claim 1, wherein the detectable label comprises a fluorescent material.

3. The method of claim 2, wherein an emission wavelength of the fluorescent material labeling the biopolymers is detected separately from an emission wavelength of the fluorescent material labelling the probes.

4. The method of claim 1, wherein each of the biopolymers comprises a protein.

5. The method of claim 1, wherein the amount of the probes is detected prior to the contacting step.

6. The method of claim 1, wherein the amount of the biopolymers or the sample bound to the probes is detected after the completion of the contacting step.

7. The method of claim 1, wherein both the amount of the probes and the amount of the biopolymers or the sample bound to the probes are detected after the completion of the contacting step.

8. The method of claim 1, wherein the sample nucleic acids and the probes are labeled with different labeling materials.

9. The method of claim 1, wherein the value is indicated on a display.

10. The method of claim 1, wherein the substrate comprises a biochip.